

# Product Datasheet

## TCF-2/HNF-1 beta Antibody (CL0374) - BSA Free NBP2-30678

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-30678](http://www.novusbio.com/NBP2-30678)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-30678](http://www.novusbio.com/reviews/destination/NBP2-30678)



**NBP2-30678**

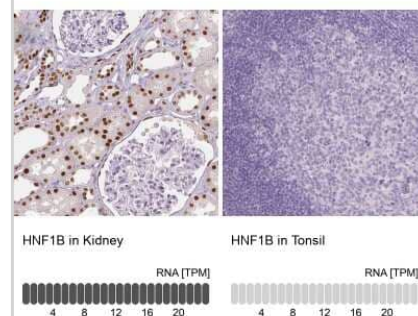
TCF-2/HNF-1 beta Antibody (CL0374) - BSA Free

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | CL0374   |
| <b>Preservative</b>                | 0.02% Sodium Azide   |
| <b>Isotype</b>                     | IgG1   |
| <b>Purity</b>                      | Protein A purified   |
| <b>Buffer</b>                      | PBS (pH 7.2) and 40% Glycerol  |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | Novus Biologicals Mouse TCF-2/HNF-1 beta Antibody (CL0374) - BSA Free (NBP2-30678) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.   |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 6928   |
| <b>Gene Symbol</b>                 | HNF1B  |
| <b>Species</b>                     | Human  |
| <b>Reactivity Notes</b>            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions |
| <b>Immunogen</b>                   | This antibody was developed using a recombinant protein derived from P35680, with the exact immunogen sequence remaining proprietary.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry  |
| <b>Recommended Dilutions</b>       | Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000  |
| <b>Application Notes</b>           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.   |

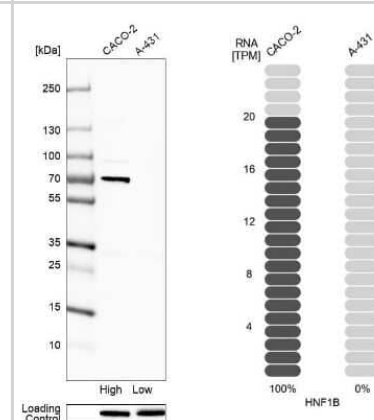


## Images

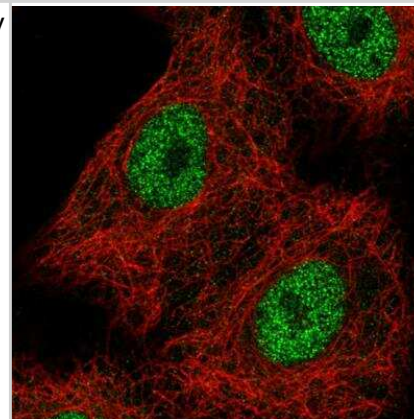
Immunohistochemistry-Paraffin: TCF-2/HNF-1 beta Antibody (CL0374) [NBP2-30678] - Staining in human kidney and tonsil tissues. Corresponding HNF1B RNA-seq data are presented for the same tissues.



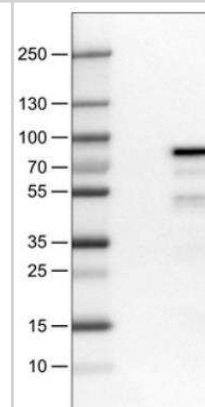
Western Blot: TCF-2/HNF-1 beta Antibody (CL0374) [NBP2-30678] - Analysis in human cell lines Caco-2 and A-431 using Anti-HNF1B antibody. Corresponding HNF1B RNA-seq data are presented for the same cell lines. Loading control: Anti-PARP1.



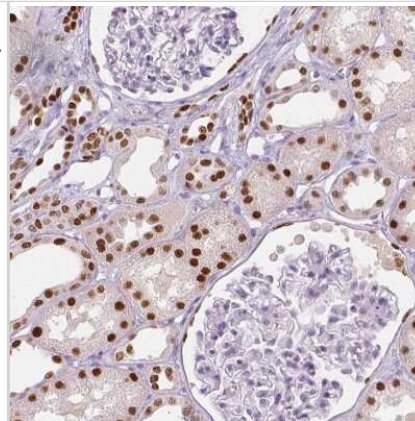
Immunocytochemistry/Immunofluorescence: TCF-2/HNF-1 beta Antibody (CL0374) [NBP2-30678] - Staining in A549 cell line showing spotty nuclear (without nucleoli) staining in green. Microtubule probes are visualized in red (where available). Antibody staining is shown in green.



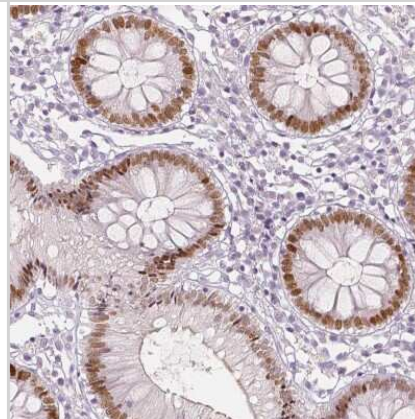
Western Blot: TCF-2/HNF-1 beta Antibody (CL0374) [NBP2-30678] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Negative control (vector only transfected HEK293T lysate). Lane 3: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



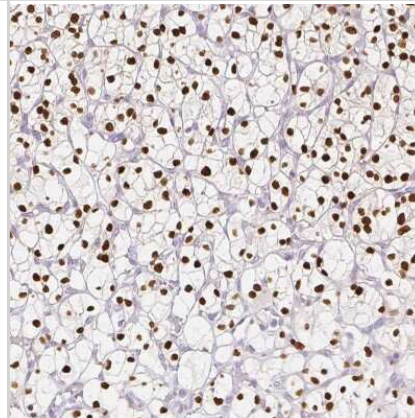
Immunohistochemistry-Paraffin: TCF-2/HNF-1 beta Antibody (CL0374) [NBP2-30678] - Staining of human kidney shows strong nuclear positivity in cells in tubules.



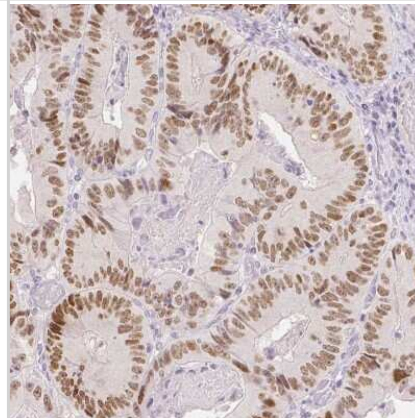
Immunohistochemistry-Paraffin: TCF-2/HNF-1 beta Antibody (CL0374) [NBP2-30678] - Staining of human colon shows moderate to strong nuclear positivity in glandular cells.



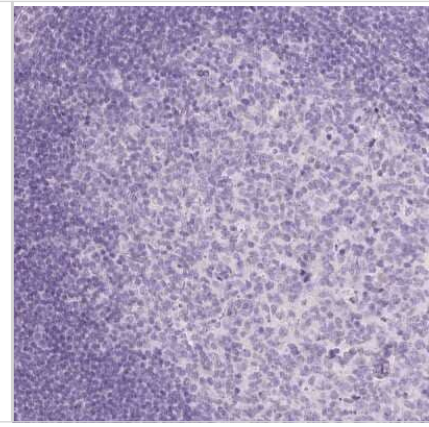
Immunohistochemistry-Paraffin: TCF-2/HNF-1 beta Antibody (CL0374) [NBP2-30678] - Staining of human renal cancer shows strong nuclear positivity in tumor cells.



Immunohistochemistry-Paraffin: TCF-2/HNF-1 beta Antibody (CL0374) [NBP2-30678] - Staining of human colorectal cancer shows moderate nuclear positivity in tumor cells.



Immunohistochemistry-Paraffin: TCF-2/HNF-1 beta Antibody (CL0374) [NBP2-30678] - Staining of human tonsil shows no positivity in lymphoid cells as expected.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-30678**

---

|                  |  |
|------------------|--|
| NBP2-30678PEP    | TCF-2/HNF-1 beta Recombinant Protein Antigen       |
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

---

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-30678](http://www.novusbio.com/reviews/submit/NBP2-30678)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

